

APPENDIX A

CLAIMS PENDING AFTER RESPONSE TO RESTRICTION REQUIREMENT

17. (New) A large-volume industrial barrel assembly comprising:
a thermoplastic blow molded open-top hollow barrel body including:
a barrel bottom; and
a substantially annular sidewall connected to the barrel bottom and terminating in an upper rim, the substantially annular sidewall comprising a substantially smooth outer surface, and an inner surface provided with a plurality of circumferentially-spaced-apart, vertically-oriented ribs extending substantially along a height of the annular sidewall, wherein the vertically oriented ribs define thicker wall regions spaced apart by thinner wall regions formed on the inner surface;
a clamping ring; and
a substantially circular cover lid configured to seal the open-top barrel body in conjunction with the clamping ring.
18. (New) The industrial barrel assembly according to claim 17, wherein the thicker wall regions and the thinner wall regions alternate around the inner surface in a uniformly increasing and decreasing wave pattern.
19. (New) The industrial barrel assembly according to claim 18, wherein the thicker wall regions are equally thick and the thinner wall regions are equally thin.
20. (New) The industrial barrel assembly according to claim 17, wherein the thinner wall regions between two thicker wall regions are at least about twice as wide as either rib.
21. (New) The industrial barrel assembly according to claim 17, wherein a ratio of a height of the thicker wall regions to a height of the thinner wall regions is between 1.1:1 to 1.5:1.

22. (New) The industrial barrel assembly according to claim 17, wherein the barrel body has a diameter of approximately 590 mm and the number of ribs formed on the inner surface is between 20-60.

23. (New) The industrial barrel assembly according to claim 17, further comprising a lateral fitting formed on the substantially annular sidewall.

24. (New) The industrial barrel assembly according to claim 17, wherein each vertical rib is strip-like.

25. (New) The industrial barrel assembly according to claim 17, wherein:
the thicker wall regions are equally thick and the thinner wall regions are equally thin;
the thinner wall regions between two thicker wall regions are at least about twice as wide as either thicker wall region;

a ratio of a height of the thicker wall regions to a height of the thinner wall regions is between 1.1:1 to 1.5:1;

the barrel body has a diameter of approximately 590 mm and the number of ribs formed on the inner surface is between 20-60;

a lateral fitting formed on the substantially annular sidewall; and
each vertical rib is strip-like.

26. (New) A substantially rectangular canister comprising a thermoplastic blow molded rectangular body having:

a canister bottom;

first and second pairs of substantially parallel side walls joined together at rounded corner areas and connected to the canister bottom, the first pair of sidewalls being longer than the second pair, the first and second pairs of sidewalls each being provided with a substantially smooth outer surface and an inner surface provided with a plurality of spaced-apart vertically oriented ribs defining thicker wall regions spaced apart by thinner wall regions formed on the inner surface; and

a canister top having an opening formed at one end thereof, adjacent one member of said second pair of sidewalls.

27. (New) The canister according to claim 26, wherein the vertical ribs are absent from the rounded corner areas.

28. (New) The canister according to claim 26, further comprising a handle member affixed to the canister top.

29. (New) A substantially rectangular canister comprising a thermoplastic blow molded rectangular body having:

a canister bottom;

first and second pairs of substantially parallel side walls joined together at rounded corner areas and connected to the canister bottom, the first pair of sidewalls being longer than the second pair, the rounded corner areas each being provided with a substantially smooth outer surface and an inner surface provided with a plurality of spaced-apart vertically oriented ribs defining thicker wall regions spaced apart by thinner wall regions formed on the inner surface; and

a canister top having an opening formed at one end thereof, adjacent one member of said second pair of sidewalls.

30. (New) The canister according to claim 29, wherein the vertical ribs are absent from central regions of the first and second pairs of sidewalls.

31. (New) The canister according to claim 29, further comprising a handle member affixed to the canister top.

32. (New) A closed bung-type barrel comprising:
a thermoplastic blow molded hollow barrel body including:

a barrel bottom;

a substantially annular sidewall connected to the barrel bottom, the substantially annular sidewall comprising a substantially smooth outer surface, and an inner surface provided with a plurality of circumferentially spaced-apart, vertically oriented ribs extending substantially along a height of the annular sidewall, wherein the vertically oriented ribs define thicker wall regions spaced apart by thinner wall regions formed on the inner surface; and

a barrel top provided with first and second lateral bung fittings.

33. (New) A pallet container having a hollow blow-molded thermoplastic inner body comprising:

a container bottom;

first and second pairs of substantially parallel side walls joined together at corner areas and connected to the canister bottom, the first and second pairs of flat sidewalls each being provided with a substantially smooth outer surface and an inner surface provided with a plurality of spaced-apart vertically oriented ribs defining thicker wall regions spaced apart by thinner wall regions formed on the inner surface; and

a container top having an opening formed in a central portion thereof.